

ABSTRACT

A method and system for displaying an markup language based Web page on a handheld device having a relatively small display is disclosed. The method includes loading a Web page designed for viewing in, for example, SVGA resolution. The page is stored in a virtual memory (204) in the device in the form of horizontal and vertical pixels. The horizontal and vertical pixels are read from the virtual memory (204) in separate horizontal pixel and vertical pixel bit streams. The horizontal pixel bit stream is fed through a horizontal pixel counter (206) that flag certain pixels for removal by a horizontal pixel filter (207). Similarly, the vertical pixel bit stream is fed through a vertical pixel counter (208) that flag certain pixels for removal by a vertical pixel filter (209). The remaining pixels are stored in a display memory (210) and are presented on the handheld device display (212).

Figure 2